Nevada HIT Blue Ribbon Task Force
October 15, 2010

HIE Governance and Technical Infrastructure Proposal

Goal

- To recommend that the Department of Health and Human Services include in the State Health Information Technology Strategic and Operational Plan the proposed Health Information Exchange Governance Structure, Role of the State, Role of the State Designated Entity, Technical Infrastructure Objectives, and Timeline to meet the related requirements of the Health Information Exchange Cooperative Agreement and to request release of the necessary implementation funding so that the State can issue an Request For Proposal and contract with a State Designated Entity

HIE Governance Structure

- HIT Statewide Assessment feedback supports specific roles
  - State – regulation and public program HIE participation
  - State Designated Entity (SDE) – multi-stakeholder governance of HIE operations
  - HIEs and/or HIE vendors/service providers – carry out day-to-day HIE operations

- To receive ARRA funding, SDE must meet terms and conditions of the HIE Cooperative Agreement
  - Non-profit
  - Public-private multi-stakeholder partnership
  - Includes mandatory stakeholders on governing board
  - Operates in compliance with federal and state laws

Proposed Governance Structure

- Based on Arkansas, Maryland, Tennessee and Wisconsin

Role	Entity	Public	Public–Private	Private
Regulation	State	X		
Governance	SDE		X	
Execution	Vendors			X

HIE Governance: Role of the State

- Manage the State HIE Cooperative Agreement and the State-SDE contract
- Align state regulations and policy with federal requirements
- Coordinate across all government programs connected with HIT/E within the state
- Facilitate interstate and nationwide HIE interoperability and coordination
- State HIT Coordinator serves as the liaison to public-private governance organization

HIE Governance: Role of the SDE

- Multi–stakeholder, non–profit organization (including mandatory public and private representation) which is insulated from political and state administration changes
- Neutral, transparent governance forum that oversees and governs the exchange of health–related information among public and private organizations according to nationally–recognized standards
- Determines HIE technical infrastructure, and establishes and monitors compliance with HIE standards, protocols and processes
- Contracts with vendors for the hardware, software and services to conduct HIE operations
- Identifies core and value–added HIE services and funding sources to drive financial sustainability
- Facilitates statewide HIE implementation based on State–SDE Contract Terms and Conditions
  - Facilitates consumer input and public communication/transparency
  - Facilitates HIE interoperability, including alignment of local and statewide HIE strategies and activities
  - Assists the State with meeting HIE Cooperative Agreement match requirements

HIE Governance: Role of Vendors

- Implement the hardware, software and technical capacity to facilitate health data exchange
- Provide HIE services and support
- Carry out day-to-day HIE operations

HIE Technical Infrastructure

Key Objectives:

- Support health information exchange among multiple technology platforms and EHR systems (not exclusive to any one vendor product)
- Support health information exchange among organizations that lack significant internal automation (for example, lacking internal EHRs)
- Capable of interoperating with the Nationwide Health Information Network on a 7x24 basis
- Capable of operating effectively with disparate source system provider and patient identifiers (i.e., utilize a Master Provider Index and a Master Patient Index)
- Support the electronic exchange of key data elements, including patient demographics, problem lists, prescriptions, allergies, vital signs, structured lab and imaging orders and results, and discharge summaries
- Support the continuity of patient care by facilitating referrals and transitions of care and continuity of care documents between providers
- Capable of managing data reconciliation/aggregation to avoid redundant information over-load
- Capable of providing a permission infrastructure that allows access to data in compliance with all applicable privacy/security regulations including audit trails on disclosures for routine and emergency access

Next Steps

- October 15, 2010: Blue Ribbon HIT Task Force reaches consensus on HIE Governance Structure and Technical Infrastructure Objectives

- November 2010 – January 2011: HIE Gap Analysis completed as required by the HIT Cooperative Agreement

- January 2011: Revised State HIT Strategic and Operational Plan submitted to ONC, with request for first phase of HIE implementation funding, including SDE RFP

- March 2011 (possibly sooner and/or contingent on ONC funding approval): State issues RFP for SDE

- June 30, 2011: Blue Ribbon HIT Task Force sunsets

- July 1, 2011 (or sooner and contingent on Nevada Board of Examiners approval of contract): SDE begins implementation of statewide HIE capability ad operations